

L Number	Hits	Search Text	DB	Time stamp
-	1	memory near3 optimiz\$ near3 tool	USPAT; US-PGPUB; IBM_TDB	2003/10/15 09:33
-	437	memory near3 design\$ near3 applicatio\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 09:35
-	146	(memory near3 design\$ near3 applicatio\$) and optim\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 09:48
-	15	memory near2 circuit\$ near3 compiler	USPAT; US-PGPUB; IBM_TDB	2003/10/15 09:50
-	196	memory near2 requir\$ near3 optimiz\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 09:52
-	75	(memory near2 requir\$ near3 optimiz\$) and simulat\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:02
-	1084	memory near2 emulat\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:03
-	141	(memory near2 emulat\$) and asic	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:20
-	14	(memory near2 emulat\$) and asic and statist\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:32
-	188029	memory and design	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:32
-	190207	(memory and design) emulator	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:33
-	9875	(memory and design) and emulat\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:33
-	234	((memory and design) and emulat\$) and flash and ram and rom and dram and eeprom	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:35
-	234	((((memory and design) and emulat\$) and flash and ram and rom and dram and eeprom) and design	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:36
-	120	((((memory and design) and emulat\$) and flash and ram and rom and dram and eeprom) and design) and optimi\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:36
-	118	(((((memory and design) and emulat\$) and flash and ram and rom and dram and eeprom) and design) and optimi\$) and circuit "5822564".PN.	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:55
-	1	"5812414".PN.	USPAT; US-PGPUB	2003/10/15 10:51
-	1	"5796623".PN.	USPAT; US-PGPUB	2003/10/15 10:52
-	1	"5146460".PN.	USPAT; US-PGPUB	2003/10/15 10:54
-	38	memory near design near application\$	USPAT; US-PGPUB; IBM_TDB	2003/10/15 10:59
-	1	"5848017".PN.	USPAT	2003/10/15 10:58
-	1	"5848017".PN.	USPAT	2003/10/15 10:58
-	1	"5740098".PN.	USPAT	2003/10/15 10:58
-	1	"5726994".PN.	USPAT	2003/10/15 10:58
-	317	memory near3 specifi\$ near3 design	USPAT; US-PGPUB; IBM_TDB	2003/10/15 11:03
-	143	(memory near3 specifi\$ near3 design) and controller	USPAT; US-PGPUB; IBM_TDB	2003/10/15 11:17

-	11	(memory near3 specifi\$ near3 design) and statist\$	USPAT; US-PGPUB; IBM_TDB USPAT; US-PGPUB; IBM_TDB	2003/10/15 11:30
-	251	asic same memory near3 design\$		2003/10/15 11:30

L Number	Hits	Search Text	DB	Time stamp
-	0	("09745561").pn.	USPAT	2003/10/15 13:12
-	1	0083112.pn.	USPAT	2003/10/15 13:11
-	0	09745561.pn.	USPAT	2003/10/15 13:12
-	0	09745561.an.	USPAT	2003/10/15 13:12
-	0	20020083112.pn.	USPAT	2003/10/15 13:15
-	2	20020083112.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/15 13:15
-	0	("asicsame (RAMnear5ROMnear5FLASHnear5EEPROM) ")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/22 08:22
-	0	("asicsame (RAMnear5ROMnear5FLASHnear5EEPROM) ")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/22 08:22
-	0	("ASICSAME (RAMnear5ROMnear5FLASHnear5EEPROM) ")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/22 08:22
-	0	("ASIC(RAMnear5ROMnear5FLASHnear5EEPROM) ").PN	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/22 09:31
-	0	("(9491390).AN.").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT;	2003/10/23 10:37
-	0	("(9591621).AN.").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/10/23 10:37

09591621\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09591621 on October 09, 2003

Original Classifications

3 365/230.03  
3 382/232  
3 382/248  
2 710/100

Cross-Reference Classifications

3 382/233  
3 382/240  
3 705/53  
2 257/E27.097  
2 360/133  
2 382/248  
2 710/104  
2 714/718

Combined Classifications

5 382/248  
4 382/240  
3 365/230.03  
3 382/232  
3 382/233  
3 705/53  
2 257/E27.097  
2 360/133  
2 365/230.01  
2 369/290  
2 705/57  
2 705/80  
2 710/100  
2 710/104  
2 714/718  
2 714/773

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6363488  
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6125231  
6182280  
5638110

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5379304  
5481552) .pn.

## 09591621\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 09591621 on October 09, 2003

5 382/248 (3 OR, 2 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/232 IMAGE COMPRESSION OR CODING  
 382/248 .Transform coding

4 382/240 (1 OR, 3 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/232 IMAGE COMPRESSION OR CODING  
 382/240 .Pyramid, hierarchy, or tree structure

3 365/230.03 (3 OR, 0 XR)  
 Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL  
 365/230.01 ADDRESSING  
 365/230.03 .Plural blocks or banks

3 382/232 (3 OR, 0 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/232 IMAGE COMPRESSION OR CODING

3 382/233 (0 OR, 3 XR)  
 Class 382 : IMAGE ANALYSIS  
 382/232 IMAGE COMPRESSION OR CODING  
 382/233 .Including details of decompression

3 705/53 (0 OR, 3 XR)  
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS  
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION  
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY  
 705/51 .Usage protection of distributed data files  
 705/52 ..Usage or charge determination  
 705/53 ...Including third party for collecting or  
 distributing payment (e.g., clearinghouse)

2 257/E27.097 (0 OR, 2 XR)  
 Class 257 : ACTIVE SOLID-STATE DEVICES  
 257/E27.006 .Including piezo-electric, electro-resistive,  
 or magneto-resistive component (EPO)  
 257/E27.009 .Including semiconductor component with at  
 least one potential barrier or surface  
 barrier adapted for  
 switching, or

09591621\_CLSTITLES

Including integrated passive circuit elements (EPO)

257/E27.01 ..With semiconductor substrate only (EPO)

257/E27.07 ...Including a plurality of individual components in a repetitive configuration

(EPO)

257/E27.081 ....Including field-effect component (EPO)

257/E27.084 .....Dynamic random access memory, DRAM, structure (EPO)

257/E27.097 .....Peripheral structure (EPO)

2 360/133 (0 OR, 2 XR)

Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL

360/131 RECORD MEDIUM

360/132 .In container

360/133 ..For disk

2 365/230.01 (1 OR, 1 XR)

Class 365 : STATIC INFORMATION STORAGE AND RETRIEVAL

365/230.01 ADDRESSING

2 369/290 (1 OR, 1 XR)

Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL

369/272 STORAGE MEDIUM STRUCTURE

369/289 .Adjuncts or adapters

369/290 ..For central area of disc (e.g., hole size or drive sticker)

2 705/57 (1 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION

ATION

705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY

705/51 .Usage protection of distributed data files

705/57 ..Copy protection or prevention

2 705/80 (1 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION

ATION

705/80 ELECTRONIC NEGOTIATION

2 710/100 (2 OR, 0 XR)

Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS: INPUT/OUTPUT

710/100 INTRASYSTEM CONNECTION (E.G., BUS AND BUS TRANSACTION PROCESSING)

09591621\_CLSTITLES

2 710/104 (0 OR, 2 XR)  
Class 710 : ELECTRICAL COMPUTERS AND DIGITAL DATA  
PROCESSING SYSTEMS: INPUT/OUTPUT  
710/100 INTRASYSTEM CONNECTION (E.G., BUS AND BUS  
TRANSACTION PROCESSING)  
710/104 .System configuring

2 714/718 (0 OR, 2 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/718 .Memory testing

2 714/773 (1 OR, 1 XR)  
Class 714 : ERROR DETECTION/CORRECTION AND FAULT  
DETECTION/RECOVERY  
714/699 PULSE OR DATA ERROR HANDLING  
714/746 .Digital data error correction  
714/752 ..Forward correction by block code  
714/763 ...Memory access  
714/773 ....Solid state memory

09591621\_LIST  
PLUS Search Results for S/N 09591621, Searched October 09, 2003

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6125231

09591621\_LIST

6182280  
5638110  
5379304  
5481552

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above 1  
abstract 1  
access 9  
accesses 5  
according 7  
additional 1  
address 1  
advantageous 2  
advantages 2  
ai 1  
all 1  
allow 2  
also 1  
amount 5  
an 13  
and 45  
another 3  
any 1  
apparatus 5  
apparatuses 1  
application 4  
applications 1  
apply 1  
appreciate 1  
appropriate 1  
are 6  
array 1  
art 7  
as 13  
asic 7  
assistant 1  
associated 10  
at 12  
atty 8  
available 2  
background 1  
based 1  
be 16  
because 1  
been 2  
before 1  
below 1  
better 1  
bound 1  
broadest 1  
broadly 1  
by 5

can 2  
capable 12  
cards 2  
carry 1  
cell 1  
centralized 1  
certain 2  
chac 1  
characteristics 3  
circuit 4  
circuits 1  
claims 1  
code 10  
combination 1  
communicable 1  
comparing 2  
comparison 3  
compilation 1  
compiler 2  
compilers 2  
comprise 1  
comprises 5  
comprising 1  
conception 1  
configuration 7  
connect 1  
constructions 1  
consume 2  
consumption 1  
contain 2  
contained 1  
controller 9  
controls 1  
conventional 1  
cooperate 1  
costs 1  
couple 1  
cr 1  
criteria 7  
data 6  
dc 1  
debuggers 1  
deficiencies 1  
defined 1  
definitions 3  
degree 1  
demand 1  
depart 1

derivatives 2  
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design 13  
designers 3  
designing 8  
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directed 1  
disclosed 2  
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discussed 1  
distributed 1  
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docket 8  
document 2  
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dran 1  
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dynamic 1  
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eeprom 2  
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electronically 1  
else 1  
embedded 23  
embodiment 8  
enable 1  
end 1  
equivalent 1  
erasable 1  
evolved 1  
execute 1  
executed 5  
execution 5  
executions 2  
expensive 1  
exploit 1  
exploits 1

features 2  
field 1  
figure 2  
firmware 1  
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flash 2  
flexibility 1  
flip 1  
follows 1  
for 21  
foregoing 1  
form 2  
forth 1  
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from 3  
functionality 1  
further 5  
future 1  
generally 2  
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generated 1  
generates 2  
generating 1  
hardware 1  
has 5  
have 4  
hereinafter 1  
high 1  
id 1  
if 1  
implemented 1  
important 1  
improved 1  
in 26  
include 3  
inclusion 1  
inclusive 1  
independent 1  
indicates 1  
instances 1  
integrated 2  
interconnect 1  
interleave 1  
invention 19  
is 18  
issue 1  
it 4  
iti 1

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larger 1  
lb 1  
least 12  
less 1  
like 2  
limitation 1  
linked 1  
little 1  
lj 7  
lo 2  
locally 1  
low 1  
luded 1  
major 1  
make 2  
manner 1  
many 2  
may 7  
me 1  
mean 2  
meaning 1  
means 1  
memories 7  
memory 57  
merit 2  
method 2  
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minimum 2  
modems 1  
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modifying 2  
monitor 5  
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monitoring 2  
monitors 1  
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most 1  
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must 1  
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need 3  
needed 1  
neral 1  
network 1  
ng 1

no 8  
normal 1  
not 3  
noted 1  
object 4  
occupy 1  
of 76  
offs 1  
on 1  
one 19  
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optimized 2  
optimizing 7  
or 23  
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other 3  
otherwise 1  
out 1  
outlined 1  
part 1  
particular 3  
particularly 2  
patent 10  
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perform 1  
performance 1  
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phones 1  
phrases 3  
possible 2  
power 3  
pproposes 1  
predetermined 8  
present 11  
primary 1  
prior 2  
prirases 1  
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program 10  
programmable 1  
programmer 1  
property 1  
provide 1

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proximate 1  
qi 1  
quality 1  
ram 1  
ran 1  
random 2  
rather 1  
read 2  
readily 1  
realize 1  
receivers 1  
remotely 1  
requirements 2  
requires 1  
resolved 1  
response 3  
result 1  
retaining 1  
rom 1  
run 1  
runs 1  
same 2  
satisfies 1  
satisfying 2  
scope 1  
second 3  
select 1  
selecting 2  
set 3  
several 1  
sham 1  
should 4  
simulated 6  
simulates 1  
simulating 2  
simulation 3  
size 3  
sizes 2  
skill 1  
skilled 3  
slower 2  
smallest 1  
smart 1  
so 1  
software 3  
some 1  
source 1

space 6  
span 1  
specific 2  
specifically 1  
speed 1  
spirit 1  
state 1  
static 1  
statistical 6  
still 2  
structures 1  
subject 1  
such 6  
suitable 2  
summary 1  
switches 1  
system 21  
systems 4  
tailed 1  
target 2  
tb 1  
technical 2  
technology 1  
tedetermined 1  
tell 1  
telling 1  
tend 1  
term 2  
terms 2  
test 9  
tfijash 1  
than 2  
that 22  
the 128  
there 4  
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therefore 1  
thereof 3  
therewith 1  
these 3  
they 2  
this 3  
those 4  
throughout 2  
time 3  
times 1  
to 35  
tool 1

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tools 3  
total 1  
trade 1  
transmitters 1  
treat 1  
true 1  
two 2  
type 4  
types 7  
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understand 2  
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use 4  
used 6  
user 1  
uses 1  
very 1  
well 3  
when 2  
wherein 4  
whether 1  
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while 2  
who 1  
wide 1  
will 2  
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with 14  
within 2  
without 1  
words 3  
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